

**ABSTRACT**

The present invention is related to novel photopyrin compounds and the pharmaceutically acceptable salt thereof useful as an anticancer or photodynamic diagnostic agent by way of reproducing singlet state oxygen radical and the inventive compounds have superior advantages such as excellent photon yield to produce singlet oxygen, good physical stability and potent cell cytotoxicity to conventional photosensitizer. The present invention also provides a pharmaceutical composition comprising a novel photopyrin compound of formula (I) to (VII) or a pharmaceutically acceptable salt thereof as an active ingredient for preventing or treating various cancers such as stomach cancer, liver cancer, lung cancer, cervical cancer and breast cancer in human or mammal together with a pharmaceutically acceptable carrier.